

# INTERCONNECTION ISSUES & ENERGY STORAGE

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July 15, 2013



# 1. INITIAL REVIEW SCREENS

## SCREEN I: WILL POWER BE EXPORTED ACROSS THE PCC?

- ▶ • If Yes, Continue to Screen J.
- ▶ • If No, then to ensure that the Generating Facility does not export across the PCC, the **Generating Facility must incorporate one of the following five options.** *Following that selection, Initial Review is complete.*
- ▶ **Option 3 (Certified Non-Islanding Protection):** *To ensure the incidental export of power is limited to acceptable levels, this option requires that all of the following conditions be met: a) the total Gross Capacity of the Generating Facility must be no more than 25% of the nominal ampere rating of Producer's service equipment; b) the total Gross Capacity of the Generating Facility must be no more than 50% of Producer's service transformer capacity rating (this capacity requirement does not apply to Customers taking primary service without an intervening transformer); and c) the Generating Facility must be Certified as Non-Islanding.*

# 1. INITIAL REVIEW SCREENS

## SCREEN I: WILL POWER BE EXPORTED ACROSS THE PCC?

- **Option 4 (Relative Generating Facility Rating):** This option, when used, requires the Net Rating of the Generating Facility to be so small in comparison to its host facility's minimum load, that the use of additional Protective Functions is not required to ensure that power will not be exported to Distribution Provider's Distribution or Transmission System. This option requires the Generating Facility capacity to be no greater than 50% of Producer's verifiable minimum Host Load over the past 12 months.

# INITIAL REVIEW J:

## IS THE GROSS RATING OF THE GENERATING FACILITY 11 KVA OR LESS?

- ▶ • If Yes (pass), skip Screens K, L. and M and Initial Review is complete.
- ▶ • If No (fail), continue to Screen K.
- ▶ **Significance: The Generating Facility will have a minimal impact on fault current levels and any potential line overvoltages from loss of Distribution Provider's Distribution System neutral grounding.**

# INITIAL REVIEW SCREEN B: IS CERTIFIED EQUIPMENT USED?

- ▶ Does the Interconnection Request propose to use Certified Equipment as set out in Section L or does the equipment have interim Distribution Provider approval?
- ▶ • If Yes (pass), continue to Screen C. // • If No (fail) continue to Screen C pursuant to Section G.1.
- ▶ Interim approval allows Distribution Provider to treat equipment that has not completed this Rule's Certification requirements as having met the intent of this screen. Interim approval is granted at Distribution Provider's discretion on case by case bases, and approval for one Generating Facility does not guarantee approval for any other Generating Facility.
- ▶ Significance: If the Generating and/or Interconnection Facility has been Certified or previously approved by Distribution Provider, Distribution Provider does not need to repeat its full review and/or test of the Generating and/or Interconnection Facility's Protective Functions. Site Commissioning Testing may still be required to ensure that the Protective Functions are working properly.
- ▶ Certification indicates that the criteria in Section L, as appropriate, have been tested and verified.